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Elizabeth O'Donnell, Executive Director  
Kentucky Public Service Commission  
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P.O. Box 615  
Frankfort, KY 40601

**RECEIVED**

**JUN 30 2006**

**PUBLIC SERVICE  
COMMISSION**

**Louisville Gas and  
Electric Company**  
State Regulation and Rates  
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Louisville, Kentucky 40232  
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June 30, 2006

**RE: Weather Normalization Report - Case No. 2000-00080**

Dear Ms. O'Donnell:

Pursuant to the Commission's Order in Case No. 2000-00080, dated September 27, 2000, Louisville Gas and Electric files an original and four copies of the report on the experimental weather normalization adjustment (WNA) for the period November 2005 through April 2006. In 2003, the WNA program was extended through April 30, 2006 by Commission Order in Case No. 2003-00357 dated October 30, 2003. In 2004, the WNA adjustment was expanded to include November. This report provides data that was required by the Commission in Appendix B to its order dated September 27, 2000.

The report demonstrates that LG&E billed customers a total of \$2,742,231 under the WNA during the period November 2005 through April 2006. This billing was due to the fact that actual heating degree days during the period were less than normal heating degree days.

If you have any questions regarding this filing, please contact me at (502) 627-3324 or Mary Gillespie at (502) 627-2429.

Sincerely,

Robert M. Conroy

An experimental weather normalization adjustment was implemented for Louisville Gas and Electric by Order in Case No. 2000-00080 dated September 27, 2000. This program was continued and expanded in 2004 to include a five month period from November through April. The following report summarizes the results of that program for the period of November 2005 through April 2006. The specific items requested by the Commission in Appendix B of the September 2000 Order are outlined in tabular form below.

**1. Number of WNA Customers By Class**

	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>
<b>Residential</b>	245,199	267,335	279,805	265,543	218,806	213,780
<b>Commercial</b>	19,256	22,945	23,683	22,817	23,683	19,684
<b>Total</b>	265,455	290,280	303,488	288,360	242,489	233,464

**2. Amount of WNA Revenue By Class**

	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>
<b>Residential</b>	\$192,296	\$(636,715)	\$1,047,048	\$1,007,701	\$120,720	\$149,510
<b>Commercial</b>	\$78,362	\$(288,290)	\$506,489	\$450,093	\$54,903	\$60,114
<b>Total</b>	\$270,658	\$(925,005)	\$1,553,537	\$1,457,794	\$175,623	\$209,624

**Season Total: \$2,742,231**

**3. Ccf Volume Adjustment Resulting From WNA By Class**

	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>
<b>Residential</b>	1,251,816	(4,121,323)	6,774,056	6,522,585	784,501	968,492
<b>Commercial</b>	524,256	(1,926,586)	3,384,341	3,007,813	367,266	486,413
<b>Total</b>	1,776,072	(6,047,909)	10,158,397	9,530,398	1,151,767	1,454,905

**Season Total: 18,023,630**

**4. Average WNA Revenue per Customer By Class**

	November	December	January	February	March	April
<b>Residential</b>	\$0.78	\$(2.38)	\$3.74	\$3.79	\$0.55	\$0.70
<b>Commercial</b>	\$4.07	\$(12.56)	\$21.39	\$19.73	\$2.32	\$3.05

**5. Amount of WNA Revenue Total Company**

See Response to Item #2.

**6. Mcf Volume Adjustment Resulting from WNA for Total Company**

See Response to Item #3.

**7. WNA Impact on Earnings for Reporting Period**

Assuming a Tax Adjustment of 39.55% (\$)

November	December	January	February	March	April	Total
\$163,613	\$(559,166)	\$939,113	\$881,236	\$106,164	\$126,718	\$1,657,679

**8. Actual Number of Heating Degree Days**

November	December	January	February	March	April	Season Total
469	954	638	756	548	152	3,517

**9. Normal Number of Heating Degree Days**

November	December	January	February	March	April	Season Total
515	846	981	756	558	262	3,901

**10. Variation of Actual Temperatures From Normal Temperatures (%)**

The average monthly High/Low temperature (degrees F) by month were:

	<b>Actual</b>	<b>Normal</b>
<b>November 2005</b>	<b>49.4</b>	<b>47.7</b>
<b>December 2005</b>	<b>34.2</b>	<b>37.5</b>
<b>January 2006</b>	<b>44.4</b>	<b>33.1</b>
<b>February 2006</b>	<b>38.0</b>	<b>38.0</b>
<b>March 2006</b>	<b>47.3</b>	<b>47.0</b>
<b>April 2006</b>	<b>61.7</b>	<b>57.0</b>

**11. Number of Customer Inquiries About WNA Program**

LG&E's Customer Service Center received less than ten (10) inquiries about the WNA program. Most customer inquiries were prompted by discussions of the calculation of a total gas bill.

**12. Number of Customer Complaints About WNA Program**

LG&E received no complaints about the WNA Program.